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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/616,856	07/09/2003	Olaf Kruse	3663-38	1796
7590 07/08/2005				
Nicholas J. Tuccillo, Esq. McCormick, Paulding & Huber LLP CityPlace II 185 Asylum Street Hartford, CT 06103			EXAMINER TRUONG, THANH K	
			ART UNIT 3721	PAPER NUMBER

DATE MAILED: 07/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/616,856	KRUSE, OLAF	
	Examiner	Art Unit	
	Thanh K. Truong	3721	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 June 2005.
 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 6-13 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) ☐ Claim(s) _____ is/are allowed.
 6) ☒ Claim(s) 1 and 6-13 is/are rejected.
 7) ☐ Claim(s) _____ is/are objected to.
 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
 10) ☒ The drawing(s) filed on 09 July 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☒ All b) ☐ Some * c) ☐ None of:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
 * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is in response to applicant's amendment received on June 22, 2005.
2. Applicant's cancellation of claims 2-5 is acknowledged.

Continued Examination Under 37 CFR 1.114

3. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on June 22, 2005 has been entered.

Drawings

4. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the "socket" (claims 1, 12 and 13) must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure

is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claims 1 and 6-11 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The phrase "having a direct mechanical utility" in the preamble of claim 1 is vague and indefinite, because:

It is unclear whether the phrase is a claim limitation or a functional description of the tool?

If it is a claim limitation, there is no support for this structure limitation in the body of the claim (claim 1). Furthermore, the only limitation in the body of the claim (claim 1)

is the combustion engine generator, which the Applicant adamantly argued that it is not to be considered as a tool that has a direct mechanical utility (Applicant's argument filed June 22, 2005).

If it is intended to be a function language to describe the function of the tool, no patentable weight is giving to the phrase "having a direct mechanical utility".

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

8. Claims 1 and 6-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Scott et al. (5,705,917).

Scott discloses an apparatus comprising:

a combustion engine drive (12);

a generator (14) for supplying voltage to an internal electrical consumer, the generator having a connection (702) for attachments for an external electrical consumer;

wherein the connection for attachments is a plug socket (702) that is arranged in one of a housing of the hand-held machine and a flexible cable (figure 5A shows a flexible cable between element 501 and element 703) affixed to the housing.

Scott further discloses: the connection for attachments is a plug socket (702); the connection for attachment is capable of inductive energy transfer (electric generator); the electronic component is a switch (figure 1 shows a switch on the housing of the generator unit 14); the electronic component (706) is a rectifier element (figure 7B); the electronic component is an overvoltage protection element (501); and wherein a lamp may be connected to the connection for attachment by means of a plug via a lead (column 1, line 33).

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. Claims 12 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nagashima (4,654,970) in view of Scott et al. (5,705,917).

Nagashima discloses an apparatus comprising: a combustion engine (column 2, lines 14-17);

a generator operatively connected to the combustion engine for supplying power to an integral electrical device disposed within a housing of the chain saw (figure 1 and column 2, lines 45-54).

Nagashima discloses the claimed invention, but does not expressly disclose a plug socket that is accessible through the housing for supplying power to an external accessory.

As discussed above in paragraph 8 of this office action, Scott discloses a plug socket (702) that is accessible through the housing of a generator for supplying power to an external accessory (column 1, line 33). Scott's generator plug socket provides a means to connect the power supply source to an external electrical consumer.

Therefore, it would have been obvious to one having ordinary skill in the art, at the time applicant's invention was made, to have modified Nagashima's apparatus so that it have plug socket as taught by Scott to provide a means to connect the power supply source to an external electrical consumer.

11. Claims 1 and 6-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nagashima (4,654,970) in view of Leininger (4,678,922) and further in view of Scott et al. (5,705,917).

Nagashima discloses an apparatus comprising: a combustion engine and a generator for supplying voltage to an electrical consumer; the generator has a connection for attachments for an external consumer (figure 1 and column 2, lines 49-54). Nagashima further discloses that the connection for attachment of one electronic component is arranged in the housing of the hand-held machine tool (column 2, lines 45-49).

Nagashima discloses the claimed invention, but does not expressly disclose that a lamp may be connected to the connection for attachment by means of a plug via a lead (as in claim 11).

Leininger discloses (figure 1) an apparatus comprising an air power hand tool with generator to energize a lamp 28, which is connected to the power tool via a flexible cable 30, affixed to the housing of the hand-held machine tool providing light to the work area. Therefore, it would have been obvious to one having ordinary skill in the art, at the time applicant's invention was made, to have modified Nagashima apparatus by connecting the lamp to the generator of the hand-held machine tool as taught by Leininger to provide light at the working area.

The modified Nagashima discloses the claimed invention, but does not expressly disclose: the connection for attachments is a plug; a plug socket with a protective cover; an electronic component is a switch, a rectifier element, and an overvoltage protection element.

As discussed above in paragraph 8 of this office action, Scott discloses a plug socket (702) that is accessible through the housing of a generator for supplying power to an external accessory (column 1, line 33). Scott's generator plug socket provides a means to connect the power supply source to an external electrical consumer.

Therefore, it would have been obvious to one having ordinary skill in the art, at the time applicant's invention was made, to have modified Nagashima's apparatus so that it have plug socket as taught by Scott to provide a means to connect the power supply source to an external electrical consumer.

Response to Arguments

Applicant's arguments filed June 22, 2005 have been fully considered but they are not persuasive.

12. In response to the Applicant's argument that Scott '917 machine tool is not considered as a hand-held machine tool having a direct mechanical utility, the examiner disagrees.

The light weight and portable generator (abstract) of Scott '917 is construed as a hand-held machine tool because it is designed as such, light weight, portable and for carrying around (it is provide with a shoulder strap (18) - see figure 1). Furthermore, it is a machine having a direct mechanical utility, because it mechanically (combustion engine) converts energy from liquid fuel form to electrical energy (utility – electrical generator). To further emphasize this point, the examiner states that even if the machine tool in Scott '917 is being used as a paperweight, it has a direct mechanical utility.

13. In response to Applicant's argument that Scott '917 allegedly does not expressly nor inherently disclosed a connection for attachments "capable of inductive electrical energy transfer", Applicant misinterprets the principle that claims are interpreted in the light of the specification. Although these elements, the inductive energy transfer as described in the Applicant's argument (page 6 of the amendment filed June 22, 2005), are found as examples or embodiments in the specification, they were not claimed

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explicitly. Nor were the words that are used in the claims defined in the specification to require these limitations. A reading of the specification provides no evidence to indicate that these limitations must be imported into the claims to give meaning to disputed terms. *Constant v. Advanced Micro-Devices, Inc.*, 7 USPQ2d 1064.

Furthermore, the Applicant's specification (page 2, lines 8-14):

"According to a further preferred embodiment, it is provided that the connection for attachments is a plug socket or a plug connection with inductive energy transfer. It is hereby made possible that the energy is transferred inductively from the generator to the external consumer at the plug/plug socket connection. This has the advantage that the working safety or operating safety of the machine is substantially increased since a shod circuit or unintentional contact between the voltage-carrying lead and the operator is avoided." (emphasis added)

Accordingly, from the above paragraph, there is no support for the Applicant's argument, as recited in the page 6 of the argument filed June 22, 2005, that:

"An example of inductive electrical energy transfer, on the other hand, would be a standard transformer arrangement, where there is not direct electrical contact, rather primary (supply side) windings generate a magnetic flux which induces a current in secondary (load side) windings."

14. In response to Applicant's argument that there is no suggestion to combine the references, the Examiner recognizes that references cannot be arbitrarily combined and that there must be some reason why one skilled in the art would be motivated to make the proposed combination of primary and secondary references. *In re Nomiya*, 184 USPQ 601 (CCPA 1915). However, there is no requirement that a motivation to make the modification be expressly articulated. The test for combining references is what the combination of disclosures take as a whole would suggest to one of ordinary skill in the

art. *In re McLaughlin*, 110 USPQ 209 (CCVA 1971). References are evaluated by what they suggest to one versed in the art, rather than by their specific disclosures. *In re Bozek*, 163 USPQ 545 (CCPA. 1969).

In this case, Scott '917 is relied upon to demonstrate that it is know in the art to supply an electrical outlet in form of a socket to provide a means to connect the power supplier and the electrical consumer (lights or tools).

Furthermore, in response to the Applicant's argument that Scott '917 "teach away" from modifying such tools to include outlets because "Scott, being designed to supply power to power tools (column 1, line 33)", the examiner disagrees. In fact, Scott '917, column 1, line 33 recites: "to run lights or power tools" **not** just power tools. Accordingly, Scott '917 is not teaching away as argued by the Applicant.

Conclusion

15. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

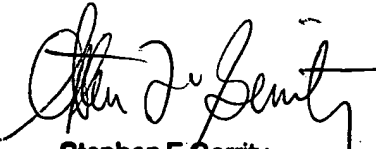
16. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh K. Truong whose telephone number is 571-272-4472. The examiner can normally be reached on Mon-Thru 8:00AM - 6:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rinaldi Rada can be reached on 571-272-4467. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tkt
July 5, 2005.



Stephen F. Gerrity
Primary Examiner

571-272-4460